

Amendment To The Claims

Please amend the claims as follows:

1. (Amended) An article of manufacture comprising a substantially transparent substrate of a size and shape suitable for use as a decorative object selected from the group consisting of gemstones and non-functional ornaments and a multilayer thin film interference coating over substantially the entire surface of said substrate, said coating consisting of alternating layers of substantially nonabsorbing materials with a relatively high refractive index and a relatively low refractive index with respect to each other, the thicknesses and identities of said layers being chosen so that the entire coating will preferentially reflect at least some of the incident light with wavelengths between 400 nm and 700 nm inclusive.

13. (Amended) An article of manufacture comprising a substantially transparent substrate having at least one curved surface and at least two dimensions of substantially the same proportion and a multilayer thin film interference coating over substantially the entire surface of said substrate, said coating consisting of alternating layers of substantially nonabsorbing materials with a relatively high refractive index and a relatively low refractive index with respect to each other, the thicknesses and identities of said layers being chosen so that the entire coating will preferentially reflect and transmit at least some of the incident light within predetermined wavelength bands.

17. (Amended) An article of manufacture comprising:
a [non-planar] substrate having height, width, and depth dimensions of
substantially the same proportion formed from a substantially transparent material; and

a substantially uniform multilayer thin film interference coating over substantially the entire surface of said non-planar substrate, said coating comprising alternating layers of materials having different refractive indices to thereby form a coating which is substantially transmissive of incident light at predetermined wavelengths.

22. (Amended) A uniformly coated [complex shaped] object comprising a [complex shaped] substrate having a depth dimension of substantially the same proportion as its height or width dimensions formed from a substantially transparent material and a coating over substantially the entire surface thereof, said coating comprising alternating layers of materials having relatively high and relatively low reflective indices relative to each other and being substantially uniform and over substantially the entire surface of said substrate.

27. (Amended) A decorative object comprising a substantially transparent substrate having at least two non-parallel curved surfaces and a coating uniformly covering substantially the entire surface of the substrate, said coating comprising alternating layers of materials having differing refractive indices to thereby substantially transmit all of the incident light at predetermined wavelengths.

28. (Amended) A method of making a uniformly coated object [having a complex shape], said method comprising the steps of:

(a) providing a substrate having [a complex shape] height, width, and depth dimensions of substantially the same proportion;

(b) depositing a coating over substantially the entire surface of the [complex shaped] substrate, the coating comprising alternating layers of materials having different

indices of refraction so that the coating is substantially transmissive of light at predetermined wavelengths.

35. (Amended) A method of making a uniformly coated object [having at least two planar surfaces, said method] comprising the steps of:

(a) providing a substrate having at least [two planar surfaces] one curved surface and at least two dimensions of substantially the same proportion;

(b) depositing a coating over substantially the entire surface of the [planar shaped] substrate, the coating comprising alternating layers of materials having different indices of refraction so that the coating is substantially transmissive of light at predetermined wavelengths.

Please amend the claims as follows:

1. (Amended) An article of manufacture comprising a substantially transparent substrate of a size and shape suitable for use as a decorative object selected from the group consisting of gemstones and non-functional ornaments and a multilayer thin film interference coating over substantially the entire surface of said substrate, said coating consisting of alternating layers of substantially nonabsorbing materials with a relatively high refractive index and a relatively low refractive index with respect to each other, the thicknesses and identities of said layers being chosen so that the entire coating will preferentially reflect at least some of the incident light with wavelengths between 400 nm and 700 nm inclusive.

13. (Amended) An article of manufacture comprising a substantially transparent substrate having at least one curved surface and at least two dimensions of substantially the same proportion and a multilayer thin film interference coating over substantially the entire surface of said substrate, said coating consisting of alternating layers of substantially nonabsorbing materials with a relatively high refractive index and a relatively low refractive index with respect to each other, the thicknesses and identities of said layers being chosen so that the entire coating will preferentially reflect and transmit at least some of the incident light within predetermined wavelength bands.

17. (Amended) An article of manufacture comprising:
a [non-planar] substrate having height, width, and depth dimensions of substantially the same proportion formed from a substantially transparent material; and

a substantially uniform multilayer thin film interference coating over substantially the entire surface of said non-planar substrate, said coating comprising alternating layers of materials having different refractive indices to thereby form a coating which is substantially transmissive of incident light at predetermined wavelengths.

22. (Amended) A uniformly coated [complex shaped] object comprising a [complex shaped] substrate having a depth dimension of substantially the same proportion as its height or width dimensions formed from a substantially transparent material and a coating over substantially the entire surface thereof, said coating comprising alternating layers of materials having relatively high and relatively low reflective indices relative to each other and being substantially uniform and over substantially the entire surface of said substrate.

27. (Amended) A decorative object comprising a substantially transparent substrate having at least two non-parallel curved surfaces and a coating uniformly covering substantially the entire surface of the substrate, said coating comprising alternating layers of materials having differing refractive indices to thereby substantially transmit all of the incident light at predetermined wavelengths.

28. (Amended) A method of making a uniformly coated object [having a complex shape], said method comprising the steps of:

(a) providing a substrate having [a complex shape] height, width, and depth dimensions of substantially the same proportion;

(b) depositing a coating over substantially the entire surface of the [complex shaped] substrate, the coating comprising alternating layers of materials having different

indices of refraction so that the coating is substantially transmissive of light at predetermined wavelengths.

35. (Amended) A method of making a uniformly coated object [having at least two planar surfaces, said method]comprising the steps of:

(a) providing a substrate having at least [two planar surfaces] one curved surface and at least two dimensions of substantially the same proportion;

(b) depositing a coating over substantially the entire surface of the [planar shaped] substrate, the coating comprising alternating layers of materials having different indices of refraction so that the coating is substantially transmissive of light at predetermined wavelengths.

Status Of Claims And Support For Claim Changes

Claims 1-12 that issued in U.S. Patent No. 6,197,428 B1 are pending. Claim 1 has been amended as shown on Page 2 of this Amendment. Support for the amendment to Claim 1 may be found in the specification, *inter alia*, at the description of Example 2 beginning at column 5, line 45 wherein a decorative object in the shape of a turtle is disclosed.

Claims 13-39 were added by physically incorporating the claims into the specification at the time the re-issue application was filed.

Claim 13, 17, 22, 28, and 35 have been amended as shown on Pages 2-4 of this Amendment. Support for the amendment to these claims may be found in the specification, *inter alia*, in Figure 1 and at the description of Example 1 beginning at column 5, line 17.

Claim 27 has been amended as shown on Page 3 of this Amendment. Support for the amendment to Claim 27 may be found in the specification, *inter alia*, at the description of Example 2 beginning at column 5, line 45 wherein a decorative object in the shape of a turtle is disclosed.